

wear member in a direction perpendicular to the extension of the first shoulder, and an opening; and

a lock received into the opening in the wear member and in contact with the bearing surface of the mount to prevent disconnection of the first and second shoulders and thereby retain the wear member to the mount.

75. A wear assembly in accordance with claim 74 in which the bearing surface of the mount generally faces rearward to engage the lock, and the mount further includes a front support surface that abuts the wear member to restrict rearward movement of the wear member.

76. A wear assembly in accordance with claim 75 in which the front support surface is arcuate.

77. A wear assembly in accordance with claim 74 in which the mount is a one-piece member.

78. A wear assembly in accordance with claim 74 in which the bearing surface of the mount is formed at a rear end of the body structure.

79. A wear assembly in accordance with claim 74 in which the rear structure has a generally T-shaped coupling structure that includes the first shoulder.

80. A wear assembly in accordance with claim 79 in which the wear member has a generally T-shaped slot that includes the second shoulder, and the T-shaped coupling structure of the mount is received in the slot of the wear member.

81. A wear assembly in accordance with claim 74 in which the rear structure

of the wear member includes a rearwardly extending leg that substantially overlies the mount, and the front structure wraps around the digging edge to define a second leg.

82. A wear assembly in accordance with claim 81 in which the wear member further includes a forwardly extending working portion.

83. A wear assembly in accordance with claim 82 in which the working portion is a nose for holding an excavating point.

84. A wear assembly in accordance with claim 74 further including a keeper to retain the lock in the opening.

85. A wear assembly in accordance with claim 84 in which the lock includes a retention portion movable between an operative position and a release position, wherein the retention portion in the operative position sets opposed to the keeper to retain the lock in opening.

86. A wear assembly in accordance with claim 74 in which the opening in the wear member includes a main portion and a stem portion, wherein the stem portion is narrower than the main portion.

87. A wear assembly in accordance with claim 86 in which the stem portion opens in a rear surface of the wear member.

88. A wear assembly in accordance with claim 74 in which the lock includes a first face that abuts the bearing surface of the mount, a second face that abuts a wall of the opening in the wear member, and an adjustment assembly that moves the first and second faces relative to each other to tighten the fit of the lock between the wear

member and the mount.

89. A wear assembly in accordance with claim 88 in which the lock further includes a main body and a movable plug, wherein one of the first and second faces is defined on each of the body and plug.

90. A wear assembly in accordance with claim 88 in which the adjustment assembly includes a threaded connection.

91. A wear assembly for an excavator having a lip with a digging edge, the wear assembly comprising:

a mount adapted to be fixed to an excavator lip, the mount including a coupling structure having holding surfaces in opposed relation to the lip of the excavator, a bearing surface, and a front portion that wraps around the digging edge;

a wear member received over the mount and including retaining members that are received between the holding surfaces and the lip of the excavator to retain the wear member to the mount in directions other than a longitudinal direction, and an opening; and

a lock received into the opening in the wear member and in contact with the bearing surface of the mount to prevent disconnection of the first and second shoulders and thereby retain the wear member to the mount.

92. A wear assembly in accordance with claim 91 in which the front portion of the mount further includes a front bearing surface that abuts the wear member to restrict movement of the wear member.

93. A wear assembly in accordance with claim 92 in which the front bearing surface is arcuate.

94. A wear assembly in accordance with claim 91 in which the mount is a one-piece member.

95. A wear assembly in accordance with claim 91 in which the holding surfaces are part of a generally T-shaped coupling structure.

96. A wear assembly in accordance with claim 95 in which the wear member has a generally T-shaped slot that receives the T-shaped coupling structure.

97. A wear assembly in accordance with claim 91 in which the wear member includes a keeper to retain the lock in the opening.

98. A wear assembly in accordance with claim 97 in which the lock includes a retention portion movable between an operative position and a release position, and the retention portion in the operative position sets opposed to the keeper to retain the lock in opening.

99. A wear assembly in accordance with claim 91 in which the opening in the wear member includes a main portion and a stem portion, wherein the stem portion is narrower than the main portion.

100. A wear assembly in accordance with claim 91 in which the lock includes a first face that abuts the bearing surface of the mount, a second face that abuts a wall of the opening in the wear member, and an adjustment assembly that moves the first and second faces relative to each other to tighten the fit of the lock between the wear

member and the mount.

101. A wear assembly in accordance with claim 100 in which the lock further includes a main body and a movable plug, wherein one of the first and second faces is defined on each of the body and plug.

102. A wear assembly in accordance with claim 101 in which the plug is threadedly received in the main body.

103. A wear assembly for an excavator having a lip with a digging edge, the wear assembly comprising:

a one-piece boss adapted to be fixed to an excavator lip, the boss including a front portion that wraps around the digging edge and forms a forwardly-facing bearing surface, a coupling structure with first shoulders extending away from the digging edge, and a rearwardly-facing bearing surface;

a wear member received over the boss and including a coupling slot that engages with the coupling structure of the boss to permit only relative longitudinal movement between the wear member and the boss, an abutting surface to engage the forwardly-facing bearing face of the boss to limit rearward movement of the wear member relative to the boss, and an opening passing through the wear member; and

a lock received into the opening in the wear member and in contact with the rearwardly-facing bearing surface of the boss and a wall of the opening to prevent disconnection of the engaged slot and coupling structure.

104. A wear assembly in accordance with claim 103 in which the lock includes

a first and second bearing surface and an adjustment assembly selectively movable to vary the relative positions of the first and second bearing surfaces to eliminate looseness which may exist in mounting the wear member to the digging edge.

105. A wear assembly in accordance with claim 104 wherein the lock includes an adjustable plug that tightens the engaged of the wear member onto the excavator.

106. A wear assembly in accordance with claim 103 in which the opening in the wear member includes a main portion and a stem portion, wherein the stem portion is narrower than the main portion and opens in a rear portion of the wear member.

107. A wear assembly in accordance with claim 106 wherein the plug is threadedly received into a corresponding bore in the lock.

108. A wear member for mounting to an excavator having a lip with a digging edge and at least one mounting structure fixed to the lip, the wear member comprising a longitudinal slot with internal shoulders for engaging the mounting structure to permit only relative longitudinal movement between the wear member and the mounting structure, an opening passing through the wear member for receiving a lock to prevent removal of the wear member from the boss, the opening including a main portion and a stem portion, wherein the stem portion is narrower than the main portion and opens in a rear portion of the wear member.

109. A wear member in accordance with claim 108 which further includes a rearwardly extending leg, a front working portion, and a rearwardly facing bearing surface generally between the front working portion and the leg for abutting the boss.

110. A wear member in accordance with claim 108 which further includes a keeper cooperating with a lock mechanism for holding the lock in the opening.

111. A one-piece boss for fixing to an excavator lip for mounting a wear member thereto, the boss including a body defining a coupling structure with shoulders extending rearwardly from the digging edge to engage with a complementary structure of a wear member, a front portion that is bent to engage along the front of the digging edge, a forwardly facing first bearing surface to abut the wear member and resist rearwardly directed forces, and a rearwardly facing second bearing surface for contacting a lock securing the wear member to the boss.

112. A boss in accordance with claim 111 in which the first bearing surface is arcuate.

113. A boss in accordance with claim 111 in which the front portion wraps around the digging edge to define a leg opposite the body.

114. A mount for fixing to an excavator lip for mounting a wear member thereto, the mount including a rear structure adapted to mount along a first side of the lip, the rear structure including a coupling structure with shoulders extending rearwardly from the digging edge to engage a complementary structure of a wear member and a rearwardly facing bearing face adapted to engage a lock holding the wear member to the mount, and a front structure adapted to engage an opposite side of the lip and the front of the digging edge, the front structure including at least one bearing surface to adapted to abut the wear member and resist unwanted movement of the wear member